

WIRE MANAGEMENT PRODUCTS

QQ-W-343E, QQ-B-575B
RoHS COMPLIANT

TINNED COPPER BRAID
FLAT, OVAL

CHOOSE TINNED COPPER BRAID FOR:

- Ground/Shielding Terminations

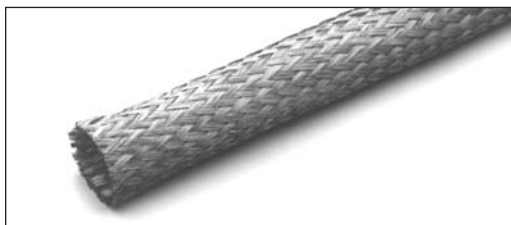
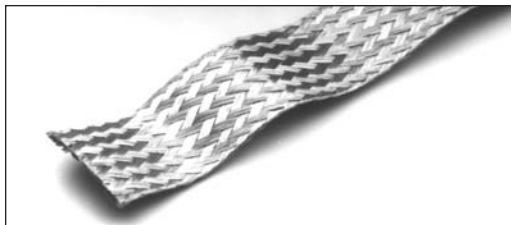
TINNED COPPER BRAID APPLICATIONS:

- Point-to-Point Ground Path
- Wire/Cable Shielding

CHARACTERISTICS

PRODUCT DESCRIPTION:

- Flat or Oval Shaped Tinned Copper Braid



SHIELDING, GROUND STRAP:

A tight weave of multi-strand, soft drawn tinned copper wire; tinned copper braid is an ideal shielding material for short-run cables providing easy radial termination. In retrofit applications, provides additional shielding efficiency. Tinned copper flat braid, used as a ground strap, provides an excellent, low-resistance ground path.

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TINNED COPPER FLAT BRAID

Alpha Part No.	Nom. Flat Width		Nom. Thickness		Braid Construction			Approx. AWG Equiv.	Nom. Circular Mil Area, CM	Approx. Current Carrying Cap. (Amps)♦	Standard Package Spools Ft.
	Inches	mm	Inches	mm	AWG of Indiv. Ends	Carriers	Total No. of Indiv. Ends				
1221	0.025	0,63	0.015	0,38	36	8	8	27	200	4	100, 500, 1000
1222	1/32	0,79	0.020	0,50	36	16	16	24	400	6	100, 500, 1000
1223†	3/64	1,19	0.020	0,50	36	24	24	22	600	7	100, 500, 1000
1224	3/32	2,38	0.020	0,50	36	16	48	19	1200	11	100, 500, 1000
1229†	1/8	3,18	0.020	0,50	36	24	72	18	1800	16	100, 500, 1000
1230†	3/16	4,76	0.020	0,50	36	24	120	15	3000	25	100, 500, 1000
1231†	1/4	6,35	0.030	0,76	36	24	168	14	4200	32	100, 500, 1000
1232	3/8	9,53	0.030	0,76	36	48	288	12	7200	46	100, 500, 1000
1233/2	1/2	12,70	0.030	0,76	36	48	384	10	9600	53	100, 500, 1000
1233†	5/8	15,90	0.030	0,76	36	48	384	10	9600	53	100, 500, 1000
1234	3/4	19,10	0.040	1,02	36	48	864	7	20800	85	100, 500, 1000
1235	1	25,40	0.045	1,14	36	48	864	7	20800	85	100, 500, 1000
1239†	1-3/8	34,90	0.050	1,27	30	48	336	5	33700	100	100, 500, 1000
1240†	1-1/2	38,10	0.060	1,52	30	48	528	3	53064	150	100
1241	1-3/4	44,50	0.080	2,03	30	48	1248	2/0	125424	280	100
1242	2	50,80	0.120	3,05	30	48	1436	3/0	154368	310	100
1242/4	3	76,20	0.200	5,08	30	48	2256	4/0	225000	390	100

SPECIFICATIONS

- QQ-W-343E
- ASTM-B-33
- † Meets QQ-B-575B
- RoHS Compliant



TINNED COPPER OVAL BRAID

Alpha Part No.	Nom. I.D. When Rounded		Braid Construction			Approx. AWG Equiv.	Nom. Circular Mil Area, CM	Approx. Current Carrying Cap. (Amps)♦	Standard Package Spools Ft.
	Inches	mm	AWG of Indiv. Ends	Carriers	Total No. of Indiv. Ends				
2132	1/16	1,59	34	16	32	19	1192	11	100, 500, 1000
2138	11/64	4,37	34	24	120	14	4770	32	100, 500, 1000
2140	3/16	4,76	34	24	144	13	5724	38	100, 500
2142	1/4	6,35	34	24	168	12	6678	41	100, 500
2144	3/8	9,53	34	24	192	11	7632	46	100, 500
2146	1/2	12,70	34	48	336	9	13356	62	100
2148	5/8	15,88	34	48	384	8	14264	64	100
2150	11/16	17,46	34	48	480	7	19080	81	100
2152	25/32	19,84	34	48	528	7	20988	85	100

♦Values shown are for bare cable in free air at 30°C (86°F) and intended as a reference guide only. Actual values will depend on permissible temperature rise, permissible voltage drop and other conditions of service.

Mouser Electronics

Authorized Distributor

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Alpha Wire:

[1242/4 SV005](#) [1242/4 SV009](#)